

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for carrying out a boosting operation comprising:

detecting that a boosting operation has been carried out for making a current value of an electric motor larger than ~~a current value at~~ a normal full open throttle ~~time and value;~~

detecting that an electric motor has not rotated;

detecting that a predetermined time period has elapsed since the detection that the electric motor has not rotated; and

after the detection that the predetermined time period has elapsed, controlling the current value of the electric motor to be equal to or smaller than a current limit value ~~determined to be that is~~ smaller than ~~the current value at the~~ normal full open throttle time value.

2. (Original) The method according to claim 1, further comprising determining whether the motor current is within a boosting operation region.

3. (Original) The method according to claim 2, further comprising resetting a timer if the motor current is not within the boosting operation region.

4. (Original) The method according to claim 3, further comprising determining whether a stalled state exists.

5. (Original) The method according to claim 4, wherein the stalled state is a state which the motor does not rotate although there is current flow.

6. (Original) The method according to claim 2, further comprising resetting a timer.

7. (Original) The method according to claim 6, further comprising determining whether a value of the timer is equal to or larger than a threshold value.

8. (Currently amended) The method according to claim 7, further comprising making the motor current equal to or lower than ~~a~~ the limit value when the value of the timer is equal to or larger than the threshold value.

9. (Currently amended) The method according to claim 8, further comprising increasing the motor current until a boost value is reached if the motor current is equal to or higher than the normal full open throttle value and a vehicle speed is below a predetermined value.

10. (Currently amended) An electric motor comprising:

an electric motor control unit that detects that a boosting operation has been carried out for making a current value of an electric motor larger than ~~a value at a~~ normal full open throttle ~~time~~ value;

an encoder that detects that the electric motor has not rotated; and

a timer that detects that a predetermined ~~the~~ time period has elapsed since the ~~detecting~~ encoder detected that the electric motor has not rotated, ~~detected by the encoder;~~

wherein after the detection that the predetermined time period has elapsed, the encoder controls the current value of the electric motor to be equal to or smaller than a ~~current~~ limit value ~~determined to be that is~~ smaller than the ~~current value at a~~ normal full open throttle ~~time~~ value.

11. (Currently amended) The electric motor according to claim 10, ~~wherein~~ wherein the electric motor drives a wheel.

12-13. (Canceled)

14. (Currently amended) The electric motor according to claim ~~12~~ 10, wherein the motor is contained at rear arms of a vehicle.

15. (Original) The electric motor according to claim 10, wherein the encoder detects a rotational position.

16. (Currently amended) An electric motor comprising:

means for detecting that a boosting operation has been carried out for making a current value of an electric motor larger than ~~a value at~~ a normal full open throttle time value;

an encoder that detects that the electric motor has not rotated; and

a timer that detects that a predetermined the period has elapsed since the ~~detecting~~ encoder detected that the electric motor has not rotated, ~~detected by the encoder~~;

wherein after the detection that the predetermined time period has elapsed, the encoder controls the current value of the electric motor to be equal to or smaller than a ~~current~~ limit value ~~determined to be~~ that is smaller than the ~~current value at a normal full open throttle time value~~.

17. (Currently amended) The electric motor according to claim 16, ~~where in~~ wherein the electric motor drives a wheel.

18-19. (Canceled)

20. (Currently amended) The electric motor according to claim ~~18~~ 16, wherein the motor is contained at rear arms of a vehicle.